



**BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE**

INTERNATIONAL FORM

To: Chae-Ok, Yan
Yonsei University College of Medicine
BK21 project for Medical Science
134, Shinchon-dong, Seodaemun-gu,
Seoul 120-752, Korea

RECEIPT IN THE CASE OF AN ORIGINAL
issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page

I. IDENTIFICATION OF THE MICROORGANISM	
Identification reference given by the DEPOSITOR : Ad-AEIB-RLX	Accession number given by the INTERNATIONAL DEPOSITARY AUTHORITY: KCCM-10566
II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION	
The microorganism identified under I above was accompanied by: <input type="checkbox"/> a scientific description <input type="checkbox"/> a proposed taxonomic designation (Mark with a cross where applicable)	
III. RECEIPT AND ACCEPTANCE	
This International Depositary Authority accepts the microorganism identified under I above, which was received by it on Mar. 19, 2004. (date of the original deposit)	
IV. INTERNATIONAL DEPOSITARY AUTHORITY	
Name : Korean Culture Center of Microorganisms Address : 361-221, Yurim B/D Hongje-1-dong, Seodaemun-gu SEOUL 120-091 Republic of Korea	Signature(s) of person(s) having the power to represent the International Depositary Authority or of authorized official Date: Mar. 25, 2004.

1 Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired; where a deposit made outside the Budapest Treaty after the acquisition of the status of international depositary authority is converted into a deposit under the Budapest Treaty, such date is the date on which the microorganism was received by the international depositary authority.




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To: Chee-Ok, Yun

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issued pursuant to Rule 7.1 by the
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I. IDENTIFICATION OF THE MICROORGANISM	
Identification reference given by the DEPOSITOR: dl-2-RLX	Accession number given by the INTERNATIONAL DEPOSITARY AUTHORITY: KCCM-10567
II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION	
The microorganism identified under I above was accompanied by: <input type="checkbox"/> a scientific description <input type="checkbox"/> a proposed taxonomic designation (Mark with a cross where applicable)	
III. RECEIPT AND ACCEPTANCE	
This International Depositary Authority accepts the microorganism identified under I above, which was received by it on Mar. 19, 2004. (date of the original deposit) ¹	
IV. INTERNATIONAL DEPOSITARY AUTHORITY	
Name: Korean Culture Center of Microorganisms Address: 361-221, Yurin B/D Hongje-1-dong, Seodaemun-gu SEOUL 120-091 Republic of Korea	Signature(s) of person(s) having the power to represent the International Depositary Authority or of authorized representative(s) Date: Mar. 25, 2004 

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international depositary authority was acquired; where a deposit made outside the Budapest Treaty after the acquisition of the status of international depositary authority is converted into a deposit under the Budapest Treaty, such date is the date on which the microorganism was received by the international depositary authority.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2005/000921

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A61K 48/00, A61K 38/00, A61P 35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 as above

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPSS, Pubmed

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ZHANG et al., 'Relaxin activates the MAP kinase pathway in human endometrial stromal cells', J. Cell. Biochem. 2002, Vol.85(3), pp.536-544 See the whole document.	1 - 16
A	HOMBACH-KLONISCH et al., 'TNSL-3 is expressed in human hyperplastic and neoplastic thyrocytes', Int. J. Oncol. May 2003, Vol.22(5), pp.993-1001 See the whole document.	1 - 16
A	HOMBACH-KLONISCH et al., 'Relaxin-like factor (RLF) is differentially expressed in the normal and neoplastic human mammary gland', Cancer, Dec. 2000, Vol.89(11), pp.2161-2168 See the whole document.	1 - 16
A	STEMMERMANN et al., 'Immunocytochemical identification of a relaxin-like protein in gastrointestinal epithelium and carcinoma: a preliminary report', J. Endocrinol. Feb. 1994, Vol.140(2), pp.321-325 See the whole document.	1 - 16
A	US 2002/0019349 A1 (BOZICEVIC, FIELD & FRANCIS LLP) 14 Feb. 2002 See the abstract.	1 - 16

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search

16 JUNE 2005 (16.06.2005)

Date of mailing of the international search report

18 JUNE 2005 (18.06.2005)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Mi Jeong

Telephone No. 82-42-481-5601



INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/000921

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

Group I. Gene delivery system containing a target gene and relaxin gene to activate a target gene, adenovirus encoding ITR nucleotide sequence and relaxin, and a anticancer composition comprising the same. (claims 1-13)

Group II. Pharmaceutical composition comprising relaxin for the treatment of cirrhosis, etc.(claims 14-16)

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/000921

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002/0019349 A1	14.02.2002	WO 0158468 A1	16.08.2001
		US 20040266685 A1	30.12.2004
		US 6723702 A	20.04.2004
		EP 1253929 A1	06.11.2002
		CA 2397200 AA	16.08.2001
		AU 0136886 A5	20.08.2001